SMART CARD PROVIDING DATA MAPPING FOR MULTIPLE APPLICATIONS AND RELATED METHODS

Abstract of the Disclosure

An integrated circuit for a smart card may include a transceiver and a processor for communicating with a host device via the transceiver and performing a plurality of smart card applications. Moreover, the processor may cooperate with the host device to perform an enumeration based upon at least one default descriptor, and generate a look-up table for allocating data to respective smart card applications based upon the enumeration. Furthermore, the processor may also detect a system event and, responsive to the system event, cooperate with the host device to perform a new enumeration based upon at least one alternate descriptor and generate a new look-up table based thereon.